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5		Project No.	City or State
6			
7		ISLANDWIDE PROJECTS - 2006 to 2015	
8		1	C/S *
9		2	C/S *
10		3	C/S *
11		4	C/S *
12		5	S
13		6	C/S *
14		7	S
15		SAFETY & OPERATIONAL IMPROVEMENT PROJECTS - 2006 to 2015	
16		8	S
17		9	S
18		10	S
19		CONGESTION RELIEF PROJECTS - 2006 to 2015	
20		11	C
21		12	C
22		13	C
23		14	S
24		15	S
25			

	D
1	TABLE 1
2	OAHU REGIONAL TRANSPORTATION PLAN
3	MID-RANGE PLAN AND LONG-RANGE PLAN
4	
5	Facility/Project Title
6	MID-RANGE PLAN (2006 TO 2011)
7	
8	Alapai Transit Center & Joint Transportation Management Center
9	Bike Plan Hawaii - Oahu
10	Enhancement Projects
11	Intelligent Transportation Systems (ITS)
12	Rockfall Protection, Various Locations
13	Transportation Demand Management (TDM) Program
14	Van Pool Program
15	
16	Kalaniana'ole Highway, Safety & Operational Improvements, Olomana Golf Course to Waimanalo Beach Park
17	Kamehameha Highway, Safety Improvements, Haleiwa to Kahaluu
18	Kamehameha Highway, Safety & Operational Improvements, Kaalaea Stream to Hygienic Store
19	
20	Farrington Highway, Widening, Golf Course Road to west of Fort Weaver Road
21	Fort Barrette Road, Widening, Farrington Highway to Franklin D. Roosevelt Avenue
22	Hanua Street, Extension, Farrington Highway to Malakole Street; Interstate Route H-1, New On- & Off-Ramps, Palailai Interchange
23	Interstate Route H-1, New Interchange, Kapolei Interchange
24	Interstate Route H-1, Widening, Middle Street to Vineyard Boulevard
25	

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1	
2	LAN 2030
3	PROJECT LIST
4	
5	Project Description
6	5)
7	
8	Construct a multi-use facility at Alapai Street to include a transit center, City-State transportation management center, and other operations.
9	Implement Oahu elements of the State of Hawaii's <i>Bike Plan Hawaii</i> . (<i>Bike Plan Hawaii</i> includes only "Priority One" projects as identified in the <i>Honolulu Bicycle Master Plan</i> .)
10	Implement enhancement projects, including, but not limited to, projects from the <i>Transportation Enhancement Program for Oahu</i> . Includes development of a pedestrian plan for Oahu.
11	Implement ITS projects including, but not limited to, those identified in the <i>Oahu Regional ITS Architecture</i> .
12	Install rockfall protection or mitigation measures along various state highways at various locations.
13	Develop an aggressive TDM program that could include, but is not limited to: 1. Free real-time online carpool matching, 2. Outreach promotion and marketing of alternative transportation, 3. Emergency ride home program, 4. Major special events, 5. Employer based commuter programs, 6. Emerging and innovative strategies (i.e., car sharing).
14	Continue implementation and expansion of the State's Van Pool Program.
15	
16	Construct safety and operational improvements along Kalanianaʻole Highway between the Olomana Golf Course and Waimanalo Beach Park. Specific safety and operational improvements include construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocation, and drainage improvements.
17	Construct safety improvements along Kamehameha Highway, from Haleiwa to Kahaluu. Safety improvements include turn lanes, guardrails, signage, crosswalks, etc. to improve safety. Widening of Kamehameha Highway will only be in areas where needed for storage/turn lanes safety improvements.
18	Construct safety and operational improvements along Kamehameha Highway, between Kaalaea Stream and Hygienic Store. Safety and operational improvements include passing and turning lanes, modification of signals, installation of signs, flashers, and other warning devices. This project also includes replacement of Kaalaea Stream Bridge and Haiamoa Stream Bridge with structures that
19	
20	Widen Farrington Highway from 2 to 4 lanes, from Golf Course Road to just west of Fort Weaver Road.
21	Widen Fort Barrette Road from 2 to 4 lanes, from Farrington Highway to Franklin D Roosevelt Avenue.
22	<u>Hanua Street:</u> • Extend Hanua Street from Malakole Street to Farrington Highway. This new 4-lane roadway will provide access to Kalaeloa Harbor. <u>Interstate Route H-1, Palailai Interchange:</u> • Construct new on- and off-ramps at Interstate Route H-1 Palailai Interchange to Hanua Street extension.
23	Construct new Interstate Route H-1 Kapolei Interchange for Kapolei between the Palailai Interchange and Makakilo Interchange.
24	Widen the Interstate Route H-1 by 1 lane, in the eastbound direction, from Middle Street to Vineyard Boulevard, as identified below: • From 2 to 3 lanes from Middle Street to Likelike Highway off-ramp • From 3 to 4 lanes from Likelike Highway off-ramp to Vineyard Boulevard This project also includes the widening of: • Gulick Avenue overpass to allow 5 lanes to pass under it • Kalihi Interchange overcrossings to allow 4 lanes to pass under it
25	

	F	G
1		
2		
3		
4		
5	Estimated Cost (Millions of Year 2005 \$)	
6		
7		
8		\$30.0
9	\$40.6	of \$101.6 total in 1st 10 years
10	\$20.0	of \$50.0 total in 1st 10 years
11	\$60.0	of \$150.0 total in 1st 10 years
12		\$22.5
13	\$62.9	of \$152.9 total in 1st 10 years
14	Included as part of project # 6	
15		
16		\$19.7
17		\$115.9
18		\$18.9
19		
20		\$36.6
21		\$24.9
22		\$61.1
23		\$45.5
24		\$34.8
25		

	A	B	C
26			
27		Project No.	City or State
28		16	S
29		17	S
30		18	S
31		19	S
32		20	S
33		21	S
34		22	S
35		23	S
36		24	S
37		25	S
38		26	C
39		27	C
40		28	S
41		SECOND ACCESS PROJECTS - 2006 to 2015	
42		29	C
43			

	D
26	
27	Facility/Project Title
28	Interstate Route H-1, Operational Improvements, Lunalilo Street to Vineyard Boulevard
29	Interstate Route H-1, New On- & Off-Ramps, Makakilo Interchange
30	Interstate Route H-1, Widening, Waiau Interchange to Waiawa Interchange
31	Interstate Route H-1, Widening, Waiawa Interchange
32	Interstate Route H-1, Zipper Lane (PM), Keehi Interchange to Kunia Interchange
33	Interstate Route H-1, Widening, Waipahu Off-Ramp
34	Interstate Route H-2, Widening, Waipio Interchange
35	Interstate Route H-1, Operational Improvements, Ward Avenue On-Ramp to University Avenue Interchange
36	Interstate Routes H-1 & H-2, Operational Improvements, Waiawa Interchange
37	Kamehameha Highway, Widening, Lanikuhana Avenue to Ka Uka Boulevard
38	Kapolei Parkway, Extension, Kamokila Boulevard to Papipi Road
39	Kapolei Parkway, Extension & Widening, Aliinui Drive to Kalaeloa Boulevard
40	North-South Road, Widening & Extension, Interstate Route H-1 to Franklin D Roosevelt Avenue
41	
42	Makakilo Drive, Second Access, Makakilo Drive to North-South Road/Interstate Route H-1 Interchange
43	

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26	
27	Project Description
28	Modify the weaving movements on the Interstate Route H-1, in the westbound direction, between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp.
29	Construct a new eastbound off-ramp and a new westbound on-ramp to the Interstate Route H-1 at the Makakilo Interchange.
30	Widen Interstate Route H-1 in the westbound direction by 1 lane from the Waiau Interchange to the Waiawa Interchange.
31	Widen the Interstate Route H-1 by 1 lane, in the westbound direction, through the Waiawa Interchange. This project will begin in the vicinity of the Waiawa Interchange and end at the Paiwa Interchange. ● From 2 to 3 lanes in AM peak
32	Construct a Zipper lane on the Interstate Route H-1, in the westbound direction, from Keehi Interchange to Kunia Interchange. This project would be in use during the PM peak.
33	Widen the Interstate Route H-1 Waipahu Street off-ramp from 1 to 2 lanes, in the westbound direction, at the Waiawa Interchange.
34	Widen both on- and off-ramps on Interstate Route H-2, at the Waipio Interchange. This project includes the widening of the Ka Uka Boulevard overpass and intersection improvements to facilitate
35	Improve traffic flow on the Interstate Route H-1, in the eastbound direction, from the Ward Avenue on-ramp to the University Avenue Interchange through operational improvements.
36	Modify the Interstate Routes H-1 and H-2 Waiawa Interchange, to improve merging characteristics through operational improvements (e.g., additional transition lanes).
37	Widen Kamehameha Highway from a 3-lane to a 4-lane divided facility between Lanikuhana Avenue and Ka Uka Boulevard. This project includes shoulders for bicycles and disabled vehicles, bridge
38	Extend the existing 4-lane Kapolei Parkway by constructing the segments in each of the following areas: ● Kamokila Boulevard to Fort Barrette Road ● Ewa Village boundary to Renton Road ● Geiger Road to Papipi Road
39	Extend the existing 4-lane Kapolei Parkway, from Aliinui Drive to Hanua Street. This project includes widening of Kapolei Parkway from 4 to 6 lanes from Hanua Street to Kalaeloa Boulevard.
40	Widen and extend North-South Road as follows: ● From 3 to 6 lanes from Kapolei Parkway to Interstate Route H-1 ● Extend from Kapolei Parkway to Franklin D Roosevelt Avenue (6 lanes)
41	
42	Extend Makakilo Drive (vicinity Pueonani Street) south to the Interstate Route H-1 Freeway Interchange as 4-lane roadway, connecting Makakilo Drive to North-South Road.
43	

	F	G
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27	Estimated Cost (Millions of Year 2005 \$)	
28		\$24.3
29		\$9.9
30		\$137.5
31		\$6.9
32		\$19.9
33		\$11.7
34		\$20.7
35		\$13.7
36		\$45.5
37		\$78.9
38		\$78.9
39		\$46.9
40		\$35.3
41		
42		\$32.8
43		

	A	B	C
44		Project No.	City or State
45		TRANSIT PROJECTS - 2006 to 2015	
46		30	C
47		31	C
48		32	C
49		33	C
50		OPERATIONS, MAINTENANCE & SYSTEM PRESERVATION - 2006 TO 2015	
51		34	C
52		35	S
53		36	S
54		COST SUBTOTALS: MID-RANGE PLAN (2006 TO 2015)	
55		Subtotals by Category	
56		Subtotal: Islandwide Projects	
57		Subtotal: Safety & Operational Improvement Projects	
58		Subtotal: Congestion Relief Projects	
59		Subtotal: Second Access Projects	
60		Subtotal: Transit Projects	
61		Subtotal: Operations, Maintenance, & System Preservation	
62		Total: All Categories	
63		Subtotals by Jurisdiction	
64		City & County of Honolulu Share of Project Costs *	
65		State of Hawaii Share of Project Costs *	
66		Total: All Shares	
67			
68			
69			

	D
44	Facility/Project Title
45	
46	Ferry, Intra-Island Express Commuter, in the vicinity of Ocean Pointe Marina to Honolulu Harbor
47	Rail Transit, Kapolei to Manoa/Waikiki- Fixed Guideway, East Kapolei to Ala Moana
48	TheBus Service, Expansion, Islandwide
49	Transit Centers, Various Locations
50	
51	City Operations and Maintenance (O&M)
52	
53	State Operations and Maintenance
54	System Preservation
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44	Project Description
45	
46	Implement intra-island passenger ferry in the vicinity of the Ocean Pointe Marina in Ewa and Honolulu Harbor.
47	Plan, design, and construct a fixed rail transit guideway system between East Kapolei and Manoa/Waikiki-Ala Moana. This project includes modifications to intermodal connections with TheBus system to provide feeder services to rail fixed guideway stations and eliminate parallel express services. Note that the alignment, system technology, and location of transit stations will may be determined refined pending the completion of during the Alternative Analysis preliminary engineering, Draft Environmental Impact Statement (AA/DEIS) and subsequent processes.
48	Expand the bus service through increase of capacity of the existing system to accommodate population growth. Expanded service will be ADA-compliant. This includes: <ul style="list-style-type: none"> • Expansion to and within Ewa, Kapolei, and Central Oahu • Implementation of the Hub and Spoke bus system with transit centers and circuitous routes • Expansion through increase of Express service to the North Shore, Waianae, and Windward Oahu
49	Construct transit centers at various locations islandwide to support the Rail Transit and TheBus systems.
50	
51	Maintain and operate the City's existing and future roadway, transit and paratransit operations and routine maintenance. Includes, but is not limited to, operation of the transit system (including bus, paratransit, rail, and ferry), replacement of existing fleet, resurfacing, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, etc.
52	Maintain and operate the State's existing and future highway operations and routine maintenance. Includes, but is not limited to, pavement repair, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, traffic signal upgrade and retrofit, etc.
53	Preserve the highway system through projects including, but not limited to, bridge replacement and seismic retrofit, pavement preventative maintenance, resurfacing and rehabilitation, etc.
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	F	G
	Estimated Cost (Millions of Year 2005 \$)	
44		
45		
46		\$23.2
	2570	
47	<u>\$2,644.3</u>	of \$3,620.3 in 1st 10 years
	<u>\$49.6</u>	of \$151.2 total in- 1st 10 years
48	<u>\$199.3</u>	of \$606.5 total in 1st 10 years
	<u>\$30.7</u>	in 1st 10 years
49	<u>\$49.1</u>	of \$76.7 total in 1st 10 years
50		
51	<u>\$1,990.8</u>	in 1st 10 years
52		
53	<u>\$340</u>	in 1st 10 years
54	<u>\$625</u>	in 1st 10 years
55		
56		
57		\$236.0
58		\$154.5
59		\$733.0
60		\$32.8
61	<u>\$2,673.5</u>	<u>\$2,915.9</u>
62	<u>\$2,955.8</u>	<u>\$3,022.3</u>
63	<u>\$6,785.53</u>	<u>\$7,094.50</u>
64		
65	<u>\$5,050.8</u>	<u>\$5,361.1</u>
66	<u>\$1,734.7</u>	
67	<u>\$6,785.5</u>	<u>\$7,094.5</u>
68		
69		

	A	B	C
70		Project No.	City or State
71			
72		ISLANDWIDE PROJECTS - 2016 to 2030	
73		2	C/S *
74		3	C/S *
75		4	C/S *
76		6	C/S *
77		SAFETY & OPERATIONAL IMPROVEMENT PROJECTS - 2016 to 2030	
78		37	S
79		CONGESTION RELIEF PROJECTS - 2016 to 2030	
80		38	S
81		39	S
82		40	S
83		41	S
84		42	S
85		43	S
86		44	S
87		45	S
88		46	S
89		47	S
90		48	S
91		49	S
92		50	S
93			
94			
95		Project No.	City or State

	D
70	Facility/Project Title
71	<i>LONG-RANGE PLAN (2016 TO 2040)</i>
72	
73	Bike Plan Hawaii - Oahu
74	Enhancement Projects
75	Intelligent Transportation Systems
76	Transportation Demand Management Program
77	
78	Farrington Highway, Safety Improvements, Makua Valley Road to Aliinui Drive
79	
80	Farrington Highway, Widening, west of Fort Weaver Road to Waiawa Interchange
81	Farrington Highway, Widening, Hakimo Road to Kalaeloa Boulevard
82	Interstate Route H-1, Widening, Liliha Street to Pali Highway
83	Interstate Route H-1, On- & Off- Ramp Modifications, Various Locations
84	Interstate Route H-1, On- & Off- Ramp Modifications, University Avenue Interchange
85	Interstate Route H-1, Widening, Vineyard Boulevard to Middle Street
86	Interstate Route H-1, HOV Lanes, Waiawa Interchange to Makakilo Interchange
87	Interstate Route H-1, Widening, Waiawa Interchange to Halawa Interchange
88	Interstate Route H-1, Widening, Ward Avenue to Punahou Street
89	Interstate Route H-2, New Interchange, Pineapple Road Overpass
90	Kahekili Highway, Widening, Kamehameha Highway to Haiku Road
91	Kunia Road, Widening and Interchange Improvement, Wilikina Drive to Farrington Highway
92	Likelike Highway, Widening, Kamehameha Highway to Kahekili Highway
93	
94	
95	Facility/Project Title

	E
70	Project Description
71	2030)
72	
73	See description in Mid-Range Plan
74	See description in Mid-Range Plan
75	See description in Mid-Range Plan
76	See description in Mid-Range Plan
77	
78	Construct safety improvements on Farrington Highway along the Waianae Coast, from Makua Valley Road (Kaena Point) to Aliinui Drive (Kahe Point). This project includes realignment around
79	
80	Widen Farrington Highway from Kunia to Waiawa by 1 lane in each direction, from west of Fort Weaver Road to Waiawa Interchange.
81	Widen Farrington Highway from 4 to 6 lanes, from Hakimo Road to Kalaeloa Boulevard, including intersection of Lualualei Naval Road.
82	Widen the Interstate Route H-1 by 1 lane, from 3 to 4 lanes in the eastbound direction, from the Liliha Street on-ramp to Pali Highway off-ramp.
83	Modify and/or close various on- and off- ramps on the Interstate Route H-1 from Middle Street to University Avenue. This project includes modification of auxiliary lanes at various exits and other operational changes to Interstate Route H-1. The identification of the precise improvements to be made will require a separate detailed corridor study.
84	Modify on- and off-ramps at the University Avenue Interchange on Interstate Route H-1. This project includes the construction of new ramps to allow all movements, safety improvements, including the closure of the eastbound on-ramp at University Avenue Interchange to Interstate Route H-1 and the construction of a new makai-bound off-ramp to University Avenue from Interstate Route H-1.
85	Widen the Interstate Route H-1 by 1 lane in the westbound direction, from Vineyard Boulevard to Middle Street.
86	Construct 2 new lanes in the freeway median for HOV use, 1 in the westbound direction and 1 in the eastbound direction, on Interstate Route H-1, from the Waiawa Interchange to the Makakilo
87	Widen the Interstate Route H-1 by 1 lane in the eastbound direction, from the Waiawa Interchange to the Halawa Interchange.
88	Widen the existing Interstate Route H-1 by 1 lane in the eastbound direction, from Ward Avenue to Punahou Street.
89	Construct a new full-service freeway interchange on Interstate Route H-2, between Meheula Parkway and Ka Uka Boulevard, to accommodate future developments in Central Oahu. This project includes the widening of the existing Pineapple Road Overpass from 2 lanes to 4 lanes; and addition of new on- and off-ramps to and from Interstate Route H-2 at Pineapple Road Overpass.
90	Widen Kahekili Highway from 2 to 4 lanes, from Kamehameha Highway to Haiku Road. This project also includes the following improvements: <ul style="list-style-type: none"> • Contraflow in existing right-of-way between Hui Iwa Street and Haiku Road • Intersection improvements at Hui Iwa Street and Kamehameha Highway
91	Widen Kunia Road as follows: <ul style="list-style-type: none"> • From 2 to 4 lanes, from Wilikina Drive to Anonui Street. • From 2 to 4 lanes, Anonui Street to Kupuna loop. • From 4 to 6 lanes, Kupuna Loop to Farrington Highway. <ul style="list-style-type: none"> • Add 1 lane eastbound loop on-ramp
92	Widen Likelike Highway from 4 to 6 lanes, from Kamehameha Highway to Kahekili Highway.
93	
94	
95	Project Description

	F	G
	Estimated Cost	
	(Millions of	
	Year 2005 \$)	
70		
71		
72		
73	\$61.0	in 2nd 15 years
74	\$30.0	in 2nd 15 years
75	\$90.0	in 2nd 15 years
76	\$90.0	in 2nd 15 years
77		
78		\$69.7
79		
80		\$67.1
81		\$108.4
82		\$3.4
83		\$60.0
84		\$24.0
85		\$60.0
86		\$52.5
87		\$251.3
88		\$24.3
89		\$50.0
90		\$30.0
91		\$116.3
92		\$14.6
93		
94		
	Estimated Cost	
	(Millions of	
	Year 2005 \$)	
95		

	A	B	C
		51	C
96			
		52	S
97			
98		53	C
		54	C
99			
100		SECOND ACCESS PROJECTS - 2016 to 2030	
101		55	C
102		56	C
103		57	S
104		TRANSIT PROJECTS - 2016 to 2030	
105		31	C
106		32	C
107		33	C
108		OPERATIONS, MAINTENANCE & SYSTEM PRESERVATION - 2016 TO 2030	
109		34	C
110			
111		35	S
112		36	S
113		COST SUBTOTALS: LONG-RANGE PLAN (2016 TO 2030)	
114		Subtotals by Category	
115		Subtotal: Islandwide Projects	
116		Subtotal: Safety & Operational Improvement Projects	
117		Subtotal: Congestion Relief Projects	
118		Subtotal: Second Access Projects	
119		Subtotal: Transit Projects	
120		Subtotal: Operations, Maintenance, & System Preservation	
121		Total: All Project Categories	
122		Subtotals by Jurisdiction	
123		City & County of Honolulu Share of Project Costs *	
124		State of Hawaii Share of Project Costs *	
125		Total: All Shares	
126			
127			

	D
96	Makakilo Mauka Frontage Road, New Roadway, Kalaeloa Boulevard to Makakilo Drive
97	Nimitz Highway, High Occupancy Vehicle (HOV) Flyover, Keehi Interchange to Pacific Street
98	Piikoi-Pensacola Couplet Reversal
99	Puuloa Road, Widening, Pukuloa Road to Nimitz Highway
100	
101	Central Mauka Road, Second Access, Mililani Mauka to Waiawa
102	Wahiawa, Second Access, Whitmore Avenue to Meheula Parkway
103	Waianae, Second Access, Farrington Highway to Kunia Road
104	
105	Fixed Guideway, East Kapolei to Ala Moana
106	TheBus Service, Expansion, Islandwide
107	Transit Centers, Various Locations
108	
109	City Operations and Maintenance (O&M)
110	
111	State Operations and Maintenance
112	System Preservation
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96	Construct a new 2-lane Makakilo Mauka Frontage Road, mauka of Interstate Route H-1, from Kalaeloa Boulevard to Makakilo Drive.
97	Construct a new 2-lane elevated and reversible HOV flyover above Nimitz Highway, from the Keehi Interchange to Pacific Street. This project includes the removal of the existing eastbound contraflow lane in the AM peak and restoration of all turning movements on the at-grade portion of Nimitz highway.
98	Reverse the direction of the existing one-way Piikoi Street and Pensacola Street couplet.
99	Widen Puuloa Road, from Pukuloa Road to Nimitz Highway:
100	<ul style="list-style-type: none"> • From 3 lanes (1 lane southbound and 2 lane northbound) to 5 lanes (2 lanes southbound and 3 lanes northbound), from Pukuloa Road to Kamehameha Highway.
101	Construct Central Mauka Road, a new 4-lane road from Mililani Mauka to Waiawa. Road connects Meheula Parkway to Kamehameha Highway in Pearl City; parallel to & mauka of Interstate Route
102	Construct a new 2-lane second access road between Whitmore Village and Wahiawa, from Whitmore Avenue to California Avenue. Continue the new 2-lane second access road to Mililani Mauka,
103	Construct a new 2-lane second access road to Waianae from Farrington Highway in the vicinity of Maili, over the Waianae Mountain Range, to Kunia Road.
104	
105	Plan, design, and construct a fixed guideway system between East Kapolei and Ala Moana. This project includes intermodal connections with TheBus system to provide feeder services to fixed guideway stations. Note that the alignment, system technology, and location of transit stations may be refined during the preliminary engineering, Environmental Impact Statement and subsequent
106	See description in Mid-Range Plan
107	See description in Mid-Range Plan
108	
109	See description in Mid-Range Plan
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111	See description in Mid-Range Plan
112	See description in Mid-Range Plan
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	F	G
96		\$11.1
97		\$250.0
98		\$4.2
99		\$10.0
100		
101		\$160.0
102		\$64.4
103		\$423.0
104		
105		\$976.0
106	\$101.6 \$407.2	in 2nd 15 years
107	\$9 \$27.6	in 2nd 15 years
108		
109	3630.51 \$4149.3	in 2nd 15 years
110	(\$3,051.3)	\$3570.3 transit O&M,
111	\$510	in 2nd 15 years
112	\$375	in 2nd 15 years
113		
114		
115		\$271.0
116		\$69.7
117		\$1,137.2
118		\$647.4
119	\$110.6	\$1410.8
120	\$4515.1	\$5,034.3
121	\$6,751.0	\$8,570.4
122		
123	\$4,125.9	\$5,945.3
124	\$2,625.1	
125	\$6,751.0	\$8,570.4
126		
127		

	A	B	C
128		Project No.	City or State
129			
130		CONGESTION RELIEF PROJECTS - ROW PRESERVATION	
131		58	C
132		59	C
133			
134		Subtotals by Category	
135		Subtotal: Islandwide Projects	
136		Subtotal: Safety & Operational Improvement Projects	
137		Subtotal: Congestion Relief Projects	
138		Subtotal: Second Access Projects	
139		Subtotal: Transit Projects	
140		Subtotal: Operations, Maintenance, & System Preservation	
141		Total: All Project Categories	
142		Subtotals by Jurisdiction	
143		City & County of Honolulu Share of Project Costs *	
144		State of Hawaii Share of Project Costs *	
145		Total: All Shares	
146			
147		Notes:	
148		* Costs for projects shared by City and State (C/S) allocated equally between the two jurisdictions. The designation is done for so for reasons of	
149		financially balancing the projected revenues with the order of magnitude cost estimates.	

	D
128	Facility/Project Title
129	RIGHT-OF-WAY PRESERVATION
130	
131	Kalaeloa East-West Spine Road, New Roadway, Kalaeloa Boulevard to Geiger Road
132	Keoneula Boulevard, Extension, Kapolei Parkway to Franklin D. Roosevelt Avenue
133	ORTP 2030 COST TOTALS: 2006
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	E
128	Project Description
129	ON
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131	Establish and preserve right-of-way (ROW) for Kalaeloa East-West Spine Road (new 4-lane east-west spine road within Kalaeloa by realigning and connecting portions of the existing Saratoga
132	Establish and preserve right-of-way (ROW) for Keoneula Boulevard Extension (extension of Keoneula Boulevard from Kapolei Parkway to Franklin D. Roosevelt Avenue).
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	F	G
	Estimated Cost (Millions of Year 2005 \$)	
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130		
131		n/a
132		n/a
133		
134		
135		\$507.0
136		\$224.2
137		\$1,870.2
138		\$680.2
139	\$2,784.1	\$4,326.7
140	\$7,470.9	\$8,056.6
141	\$13,536.54	\$15,664.9
142		
143	\$9,176.73	\$11,306.4
144	\$4,359.8	
145	\$13,536.54	\$15,664.9
146		
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	A	B	C	D	E
1		TABLE 2			
2		ORTP 2030 ILLUSTRATIVE PROJECTS			
3					
4		Project No.	Facility/Project Title	Project Description	Estimated Capital Cost (Millions of Year 2005 \$)
5		CONGESTION RELIEF PROJECTS			
6		I-1	H-1 Corridor, Reversible Highway, Waiawa Interchange to Keehi Interchange	Construct a new, elevated, reversible two-lane highway from west of the Waiawa Interchange to the Keehi Interchange. The new facility could be used for high occupancy vehicles; and a toll could be charged.	\$2,500
7		I-2	Kalaeloa East-West Spine Road, New Roadway, Kalaeloa Boulevard to Geiger Road	Construct a new 4-lane east-west spine road within Kalaeloa by realigning and connecting portions of the existing Saratoga Avenue from Kalaeloa Boulevard in the west and to Geiger Road in the east.	\$110
8		I-3	Keoneula Boulevard, Extension, Kapolei Parkway to Franklin D. Roosevelt Avenue	Extend Keoneula Boulevard from Kapolei Parkway to Franklin D. Roosevelt Avenue.	\$85
9		I-4	Paiwa Street, Extension, Ka Uka Boulevard to Lumiauwau Street	Extend Paiwa Street from north of Lumiauwau Street, to the intersection of Kamehameha Highway and Ka Uka Boulevard.	\$15
10		I-5	Pearl Harbor Corridor	Construct an alternative route through the Pearl Harbor corridor to provide direct connection between Honolulu and the Ewa Plain. A new tunnel beneath the mouth of Pearl Harbor and a series of bridges spanning Pearl Harbor are potential options for this route. This project could operate as a toll facility.	\$7,000
11		I-6	<u>Fixed Guideway, West Kapolei to East Kapolei</u>	<u>Plan, design, and construct a fixed guideway system between West Kapolei to East Kapolei</u>	<u>\$500</u>
12		I-7	<u>Fixed Guideway, Ala Moana to Manoa/Waikiki</u>	<u>Plan, design, and construct a fixed guideway system between Ala Moana and Manoa/Waikiki</u>	<u>\$1,150</u>
13		Total (with Pearl Harbor Corridor as Tunnel)			\$11,360